## **EAST Search History**

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                    | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---------------------------------|--|---------------------|---------|---------------------|
| L1    | 932  | (380/46).cds.                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/10/05<br>09:36 |
| Si    | 1124 | seed same variable<br>same rate | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/02/24<br>16:22 |
| S2    | 7    | S1 and random near<br>seed      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/02/24<br>16:22 |
| S3    | 6469 | alternator same signal          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/02/24<br>16:24 |
| S4    | 7    | S3 and seed same variable       | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/02/24<br>16:24 |
| S5    | 152  | trng                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/02/24<br>16:25 |
| S6    | 39   | S5 and variable                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/02/24<br>16:25 |
| S7    | 13   | S6 and seed                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/02/24<br>16:25 |
| S8    | 538  | alteration same pseudo          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/02/24<br>16:27 |

| S9  | 58   | S8 and seed                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:28 |
|-----|------|--|--|----|----|---------------------|
| S10 | 0    | S9 and randon same<br>bit                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:28 |
| S11 | 21   | S9 and random same<br>bit                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:28 |
| S12 | 1    | S11 and trng                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:30 |
| S13 | 10   | S11 and true                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:30 |
| S14 | 6    | S11 and true same random                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:31 |
| S15 | 7    | S11 and counter                              | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:32 |
| S16 | 1728 | recirculating same shift<br>same register    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:37 |
| S17 | 244  | S16 and ((alterating or alternate) same bit) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:37 |
| S18 | 11   | S17 and seed                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR | ON | 2009/02/24<br>16:37 |

| S19 | 22      | TRING and RING  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:46 |
|-----|---------|---|--|----|----|---------------------|
| S20 | 20      | S19 and bit   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:46 |
| S21 | 1812093 | S19 and bit saem sequence   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:46 |
| S22 | 13      | S19 and bit same sequence   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:46 |
| S23 | 5       | S22 and counter   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:48 |
| S24 | 1938    | generator same<br>generate same random<br>same sequence same<br>bit | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:51 |
| S25 | 0       | S24 and trnd  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:52 |
| S26 | 129     | \$24 and true same<br>random same<br>generator                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:52 |
| S27 | 44      | S26 and seed same<br>sequence                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:53 |
| S28 | 37      | Se and seed same sequence same pseudo                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR | ON | 2009/02/24<br>16:53 |

| S29 | 31      | S28 and random same<br>seed same bit                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:54 |
|-----|---------|---|--|----|----|---------------------|
| S30 | 0       | S29 and lenght  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:54 |
| S31 | 25      | S29 and length  | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:54 |
| S32 | 15      | S29 and length same<br>seed                           | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:54 |
| S33 | 15      | S32 and random same sequence                          | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:56 |
| S34 | 1096237 | S32 and random same sequence bit                      | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:56 |
| S35 | 15      | S32 and random same<br>sequence same bit              | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:56 |
| S36 | 15      | S32 and random same<br>sequence same bit<br>same seed | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:56 |
| S37 | 10      | S36 and shorter                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:57 |
| S38 | 3       | S36 and shorter same<br>random                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:57 |

| S39 | 13     | S36 and counter                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>16:59 |
|-----|--------|---|--|----|----|---------------------|
| S40 | 571904 | fixed same length                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:07 |
| S41 | 249    | S40 and (true same<br>random same<br>generator) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:08 |
| S42 | 139    | S41 and pseudo                                  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:08 |
| S43 | 91     | S42 and seed                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:08 |
| S44 | 91     | S43 and length                                  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:08 |
| S45 | 32     | S43 and length same seed                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:09 |
| S46 | 32     | S45 and random same bit                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:10 |
| S47 | 27     | S45 and random same<br>bit same sequence        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:10 |
| S48 | 20     | S47 and counter                                 | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR | ON | 2009/02/24<br>17:12 |

| S49 | 0      | seed same generated<br>same pseudo same<br>number same gnerator                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:14 |
|-----|--------|--|--|----|----|---------------------|
| S50 | 1063   | seed same generated<br>same pseudo same<br>number same<br>generator                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:14 |
| S51 | 6      | S50 and variable near rate   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:15 |
| S52 | 23     | S50 and variable near5<br>rate   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:16 |
| S53 | 0      | true same ranodm<br>same generator same<br>bit   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:17 |
| S54 | 429    | true same random<br>same generator same<br>bit   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:18 |
| S55 | 269    | (true same random<br>same generator same<br>bit same (generates or<br>generated or<br>generating)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:18 |
| S56 | 73     | S55 and (seed same random same bit)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:19 |
| S57 | 57     | S56 and length   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:20 |
| S58 | 151130 | FPGA or ASIC   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR | ON | 2009/02/24<br>17:24 |

| S59         | 3337  | S58 and random same<br>number same<br>generator                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:24 |
|-------------|-------|---|--|----|----|---------------------|
| S60         | 17    | S59 and (pseudo same<br>random same number<br>same seed same<br>(TRNG or true)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:26 |
| S61         | 82    | (pseudo same random<br>same number same<br>seed same (TRNG or<br>true))         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/24<br>17:26 |
| S62         | 8     | recirculating same<br>register same signal<br>same seed                         | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:10 |
| S63         | 111   | recirculating same<br>register same seed  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:11 |
| S64         | 0     | sift same register same seed  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:12 |
| S65         | 1554  | shift same register<br>same seed  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:12 |
| S66         | 17    | S65 and entropy same generator  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:12 |
| <b>S</b> 67 | 26145 | entropy   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:14 |
| S68         | 3042  | S67 and pseudo  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR | ON | 2009/02/25<br>10:14 |

| S69 | 7   | S68 and psuedo same<br>generator | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:14 |
|-----|-----|----------------------------------|--|----|----|---------------------|
| S70 | 640 | S68 and pseudo same generator    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:14 |
| S71 | 423 | S70 and seed                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:14 |
| S72 | 100 | S71 and (mixing or mix)          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:15 |
| S73 | 68  | S72 and counter                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:36 |
| S74 | 340 | congruential same<br>generator   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:39 |
| S75 | 129 | S74 and (mixing or mix)          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:39 |
| S76 | 121 | S75 and pseudo                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:39 |
| S77 | 7   | S75 and psuedo                   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:40 |
| S78 | 83  | S76 and (true or entropy)        | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR | ON | 2009/02/25<br>10:40 |

| S79 | 48     | S78 and seed                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:40 |
|-----|--------|---|--|----|----|---------------------|
| S80 | 39     | S79 and counter                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:41 |
| S81 | 2      | S79 and counter same down                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:43 |
| S82 | 158125 | ((down or decrement<br>\$9) same counter) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:44 |
| S83 | 332    | bus same LFSR                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:45 |
| S84 | 146    | S83 and seed                              | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:45 |
| S85 | 123    | S84 and counter                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:46 |
| S86 | 105    | S85 and random same generator             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:46 |
| S87 | 50     | S86 and counter same<br>valid same signal | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:46 |
| S88 | 0      | S86 and counte same<br>bit same seed      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR | ON | 2009/02/25<br>10:48 |

| S89 | 57   | S86 and counter same<br>bit same seed | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:48 |
|-----|------|---------------------------------------|--|----|----|---------------------|
| S90 | 1468 | recycle same register                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:55 |
| S91 | 112  | S90 and random same<br>generator      | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:55 |
| S92 | 7    | S91 and seed                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:55 |
| S93 | 51   | FIFO same LFSR                        | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:58 |
| S94 | 24   | S93 and seed                          | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>10:58 |
| S95 | 19   | \$94 and counter                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>11:00 |
| S96 | 388  | time same seed same<br>Ifsr           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>11:02 |
| S97 | 295  | S96 and counter                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>11:02 |
| S98 | 269  | \$97 and random same generator        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR | ON | 2009/02/25<br>11:02 |

| S99  | 10 | S98 and Ifsr same bus                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>11:04 |
|------|----|--|--|----|----|---------------------|
| S100 | 9  | S99 and (ic or integrated)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>11:08 |
| S101 | 2  | ("5383143").pn.                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>13:28 |
| S102 | 1  | S101 and time same<br>seed               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>13:29 |
| S103 | 0  | S101 and time same<br>seed same arrival  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>13:32 |
| S104 | 1  | S101 and time same<br>seed same arriv\$9 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>13:32 |
| S105 | 2  | S101 and random<br>near3 seed            | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>13:34 |
| S106 | 2  | (*5383143*).pn.                          | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>15:43 |
| S107 | 1  | S106 and counter same seed               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/02/25<br>15:43 |
| S108 | 1  | S106 and seed same<br>(load or feed)     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR | ON | 2009/02/25<br>15:48 |

| S109 | 0      | S106 and seed same<br>(load or feed) same<br>counter | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/25<br>15:48 |
|------|--------|--|--|----|-----|---------------------|
| S110 | 0      | S106 and (rotate or rotation or rotating)            | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/25<br>15:50 |
| S111 | 0      | S106 and register same<br>receive same seed          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/25<br>15:50 |
| S112 | 0      | S106 and receive same seed                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/25<br>15:51 |
| S113 | 2      | ("6339830").pn.                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/02/25<br>16:21 |
| S114 | 666    | (380/46).OCLS.                                       | USPAT; USOOR   | OR | OFF | 2009/02/26<br>09:41 |
| S115 | 57     | S114 and mixing                                      | US-PGPUB;<br>USPAT; EPO  | OR | ON  | 2009/02/26<br>09:41 |
| S116 | 25     | S115 and counter                                     | US-PGPUB;<br>USPAT; EPO  | OR | ON  | 2009/02/26<br>09:42 |
| S117 | 1      | "10589552"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/28<br>14:50 |
| S118 | 1      | FPUFpga  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/28<br>15:04 |
| S119 | 144376 | asic   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/28<br>15:04 |
| S120 | 16776  | S119 and (mixing or<br>mix or scrambl\$8)            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/28<br>15:04 |

| S121 | 2457 | S120 and shift same<br>register | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/28<br>15:05 |
|------|------|---------------------------------|--|----|----|---------------------|
| S122 | 1020 | S121 and random same<br>number  | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/28<br>15:05 |
| S123 | 641  | S122 and pseudo                 | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/28<br>15:05 |
| S124 | 3    | congruential same<br>mixing     | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/28<br>15:06 |
| S125 | 7    | "2005005539"                    | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/28<br>21:04 |
| S126 | 2    | "20050055391"                   | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/28<br>21:04 |

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